



JOPEs

Executive

Presentation

Joint Deployment Training Center
Mr. Larry Romaine



JOPES Executive Presentation



Agenda

- **Introduction**
- **JOPES**
 - **Players**
 - **Pubs**
 - **Communications**
 - **Information Technology Tools**
 - **TPFDD**
 - **Demo (as required)**



JDTC Training CONOPS

Joint Deployment Training Center

- **Evolutionary Tailored Programs**
- **Functional Training**
- **JOPES Application Training**
 - **MTTs and Resident Instruction**
 - **Web-Based Training**
 - <http://www.jdtc.jfcom.mil>
 - <http://www.jdtc.jfcom.smil.mil>



JOPES



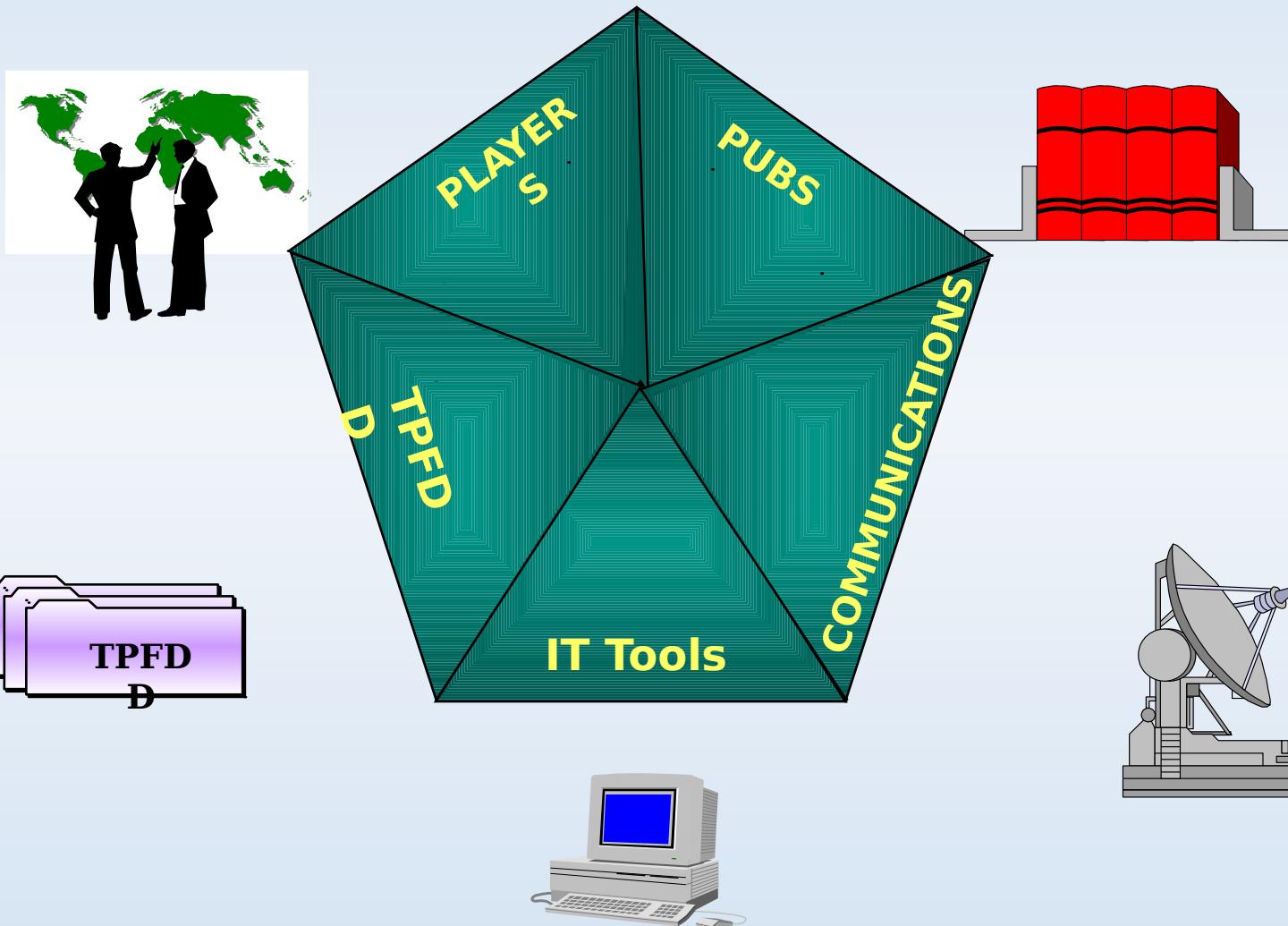
Defined

The Joint Operation Planning and Execution System (JOPES) is the system used to monitor, plan and execute mobilization, deployment, employment, and sustainment activities associated with joint operations.

JP 1-02

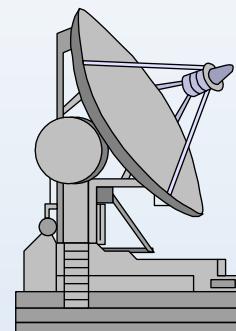
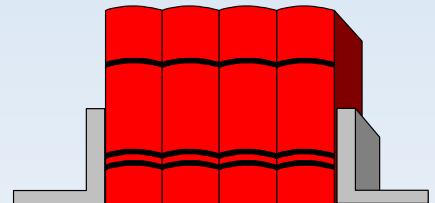
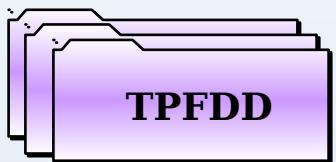
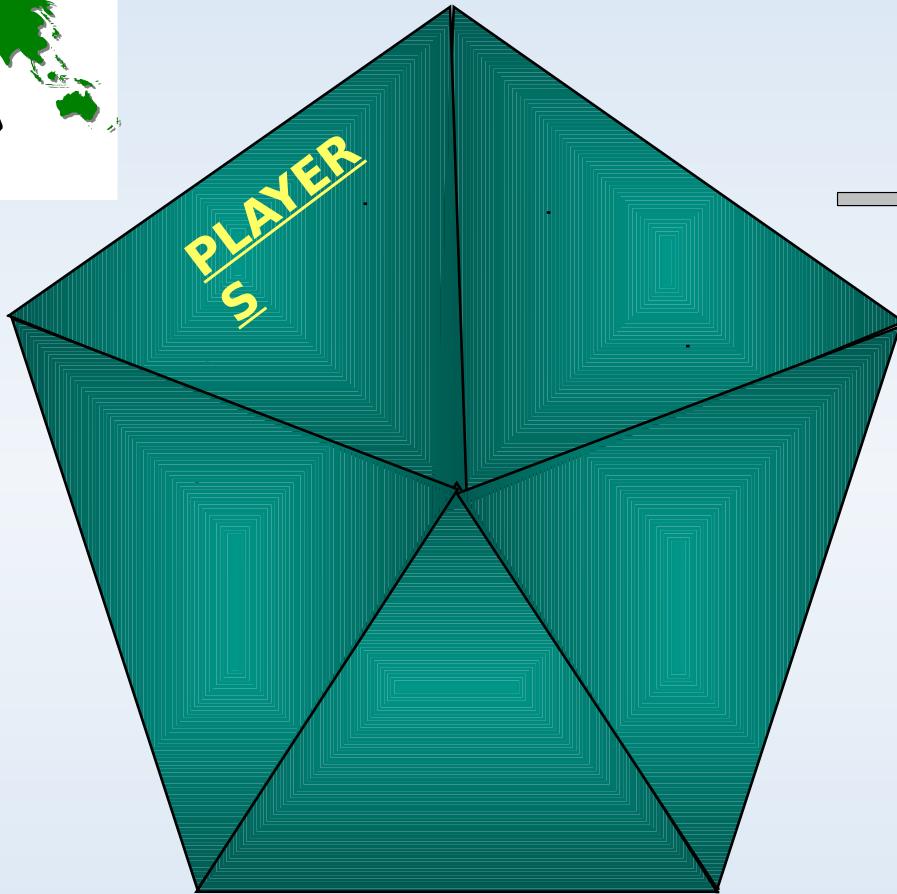


JOPES System



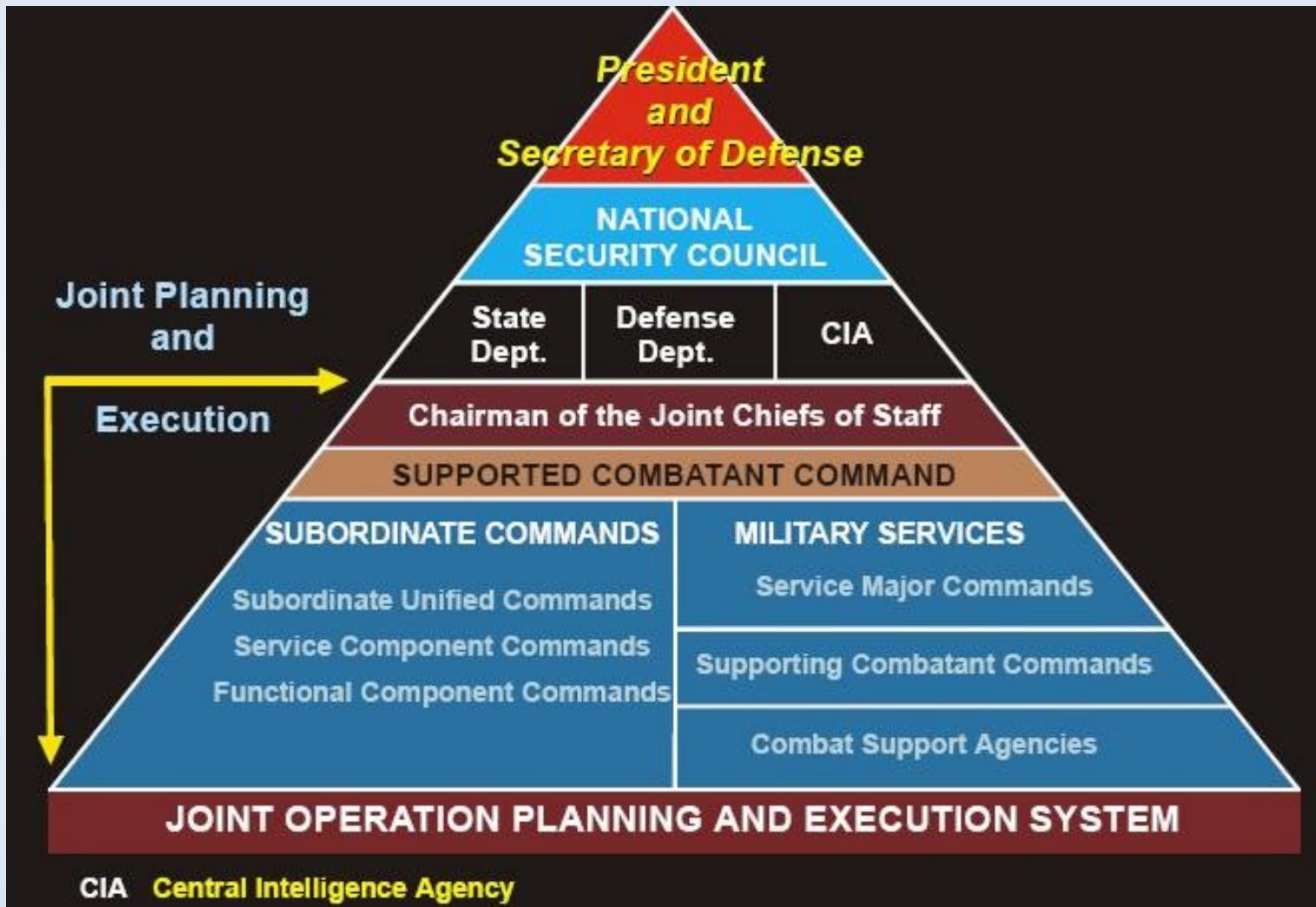


JOPES System





Joint Planning and Execution Community





Combatant Commands

*AFRICOM is scheduled to be fully active in 2008.

**President
&
SecDef**

**United
States
European
Command
(EUCOM)**

**United
States
Central
Command
(CENTCOM)**

**United
States
Pacific
Command
(PACOM)**

**United
States
Special
Operations
Command
(SOCOM)**

**United States
Transportatio
n
Command
(TRANSCOM)**

**United
States
Africa
Command
(AFRICOM)***

**United States
Southern
Command
(SOUTHCOM)**

**United
States
Northern
Command
(NORTHCOM)**

**United
States
Joint
Forces
Command
(COM)**

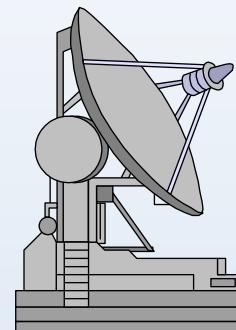
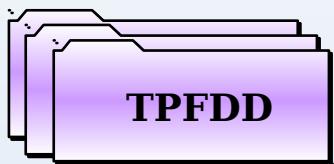
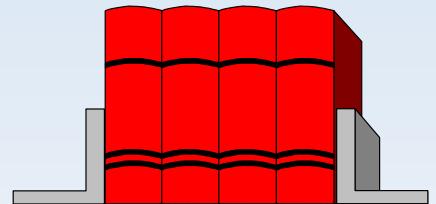
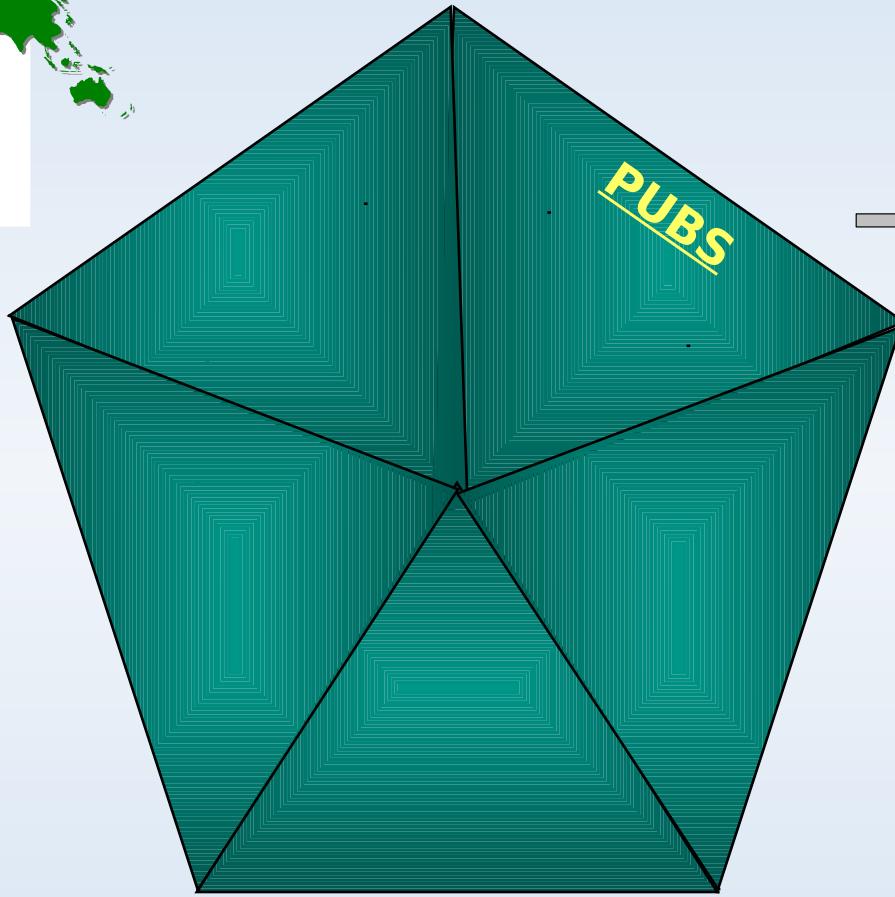
**United States
Strategic
Command
(STRATCOM)**

Geographic Responsibility

Functional Responsibility



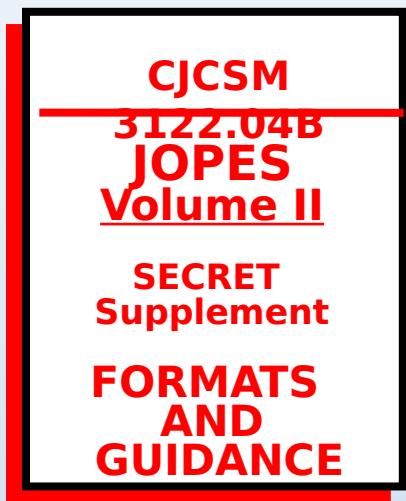
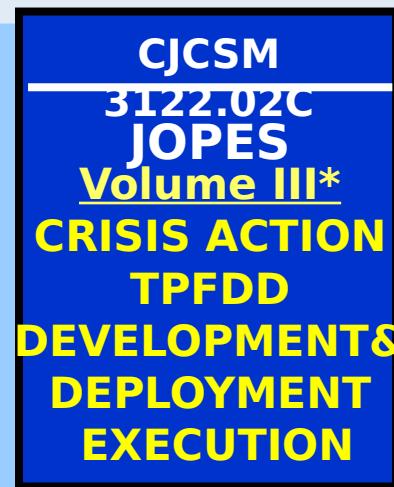
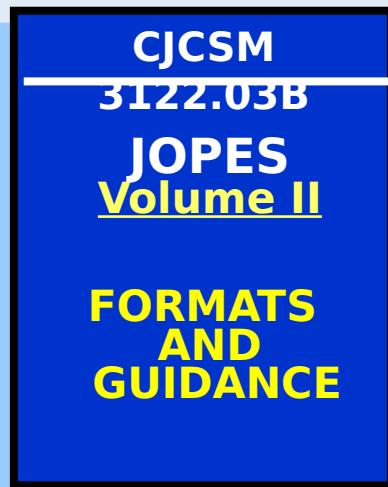
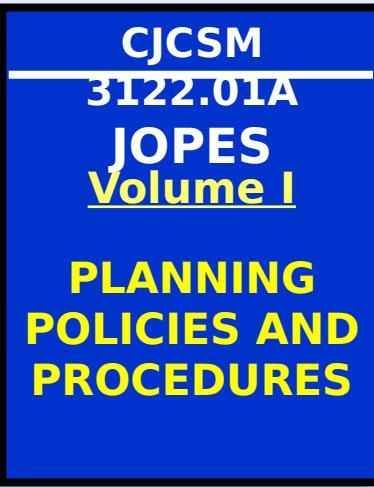
JOPES System





JOPES Publications

CJCSM 3122 Volumes I, II, III



* Vol III Contains the Standard TPFDD LOI



JOPES TPFDD Guidance

- **Supported Cdrs produce AOR-Specific Supplemental Instructions for each TPFDD they manage**
- **This guidance provides AOR-Specific:**
 - Numbering/grouping conventions for requirements
 - Movement validation procedures
 - Transit times and date windows
 - Approved ports of embarkation and debarkation
 - Sustainment, replacement, and retrograde procedures
 - Guidance for the TPFDD's related Newsgroup

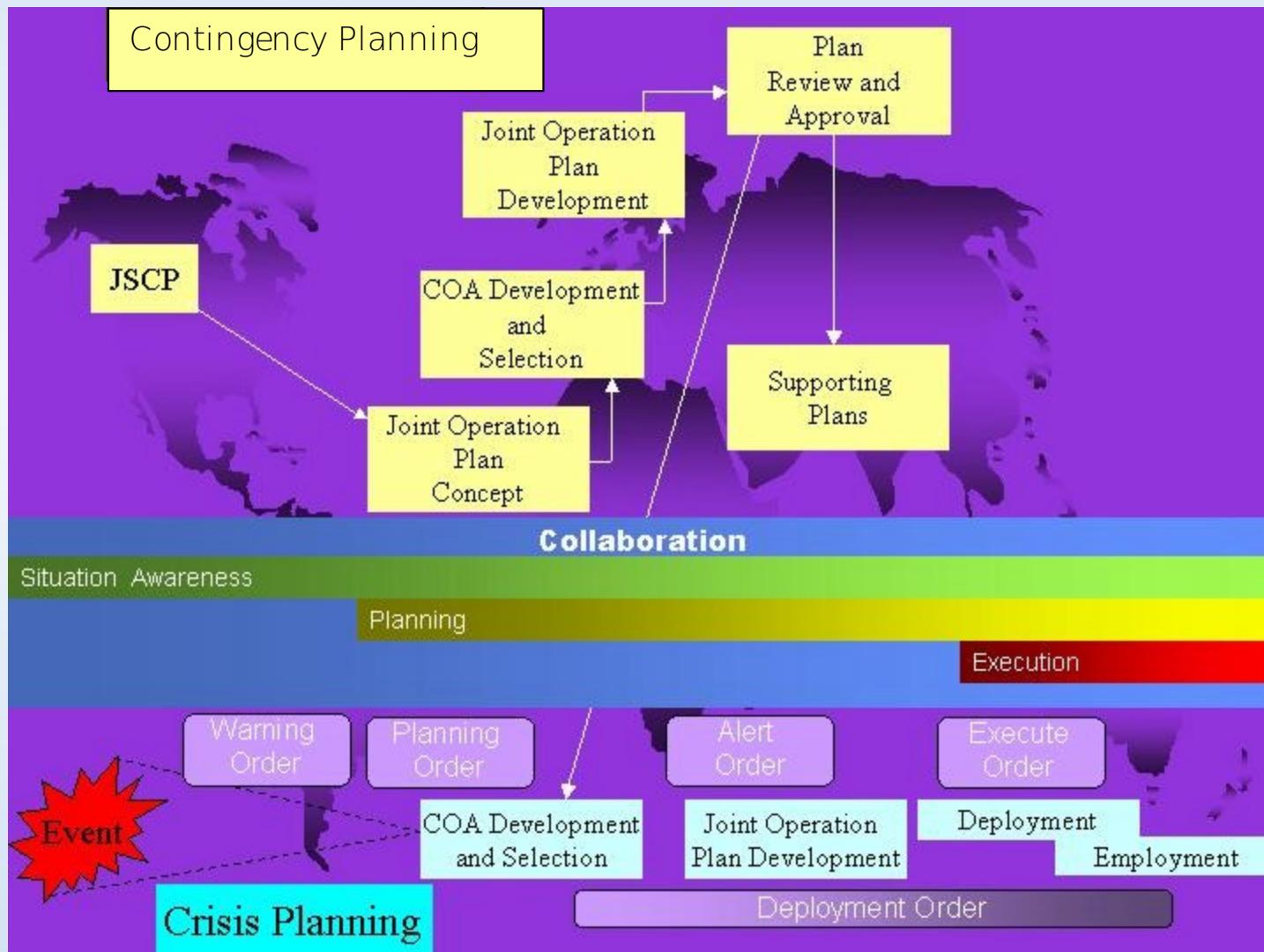
When properly prepared and followed, TPFDD guidance lends order and executability to the Plan / Operation / Exercise.



Contingency and Crisis Action Planning



CJCSM 3122.01A Volume I



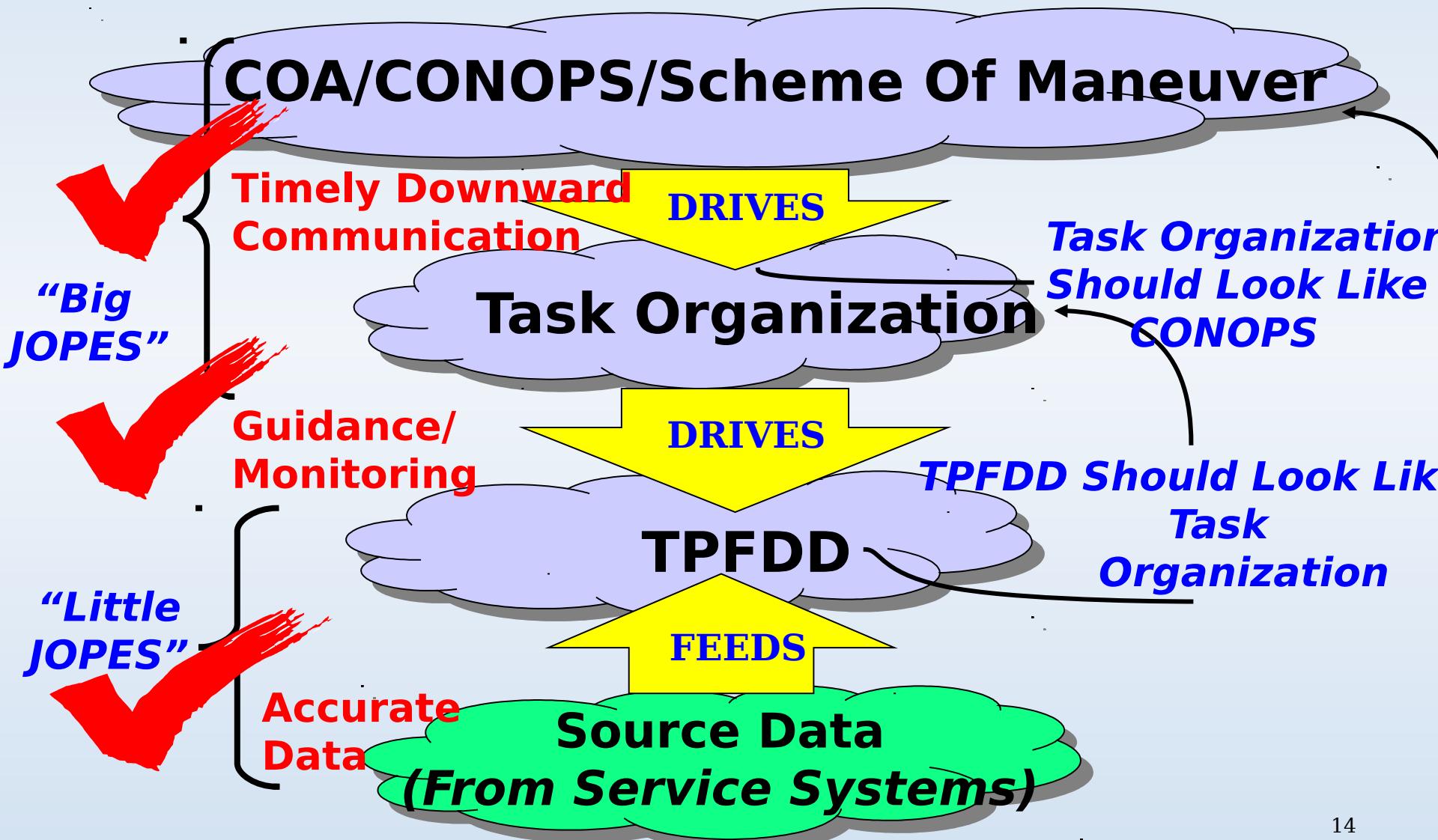


Crisis Action Planning Summary

<u>Activity I</u> <u>Situation</u>	<u>Activity II</u> <u>Planning</u>	<u>Activity III</u> <u>Execution</u>	
Situation Awareness	Course of Action Development	Detailed Plan Development	Execution
<ul style="list-style-type: none">• Event Occurs• CDRs Evaluation• Report event to President/SecDef f/ CJCS• CDR's Assessment Report to CJCS• CJCS/President and SecDef evaluation• President/ SecDef crisis decision	<ul style="list-style-type: none">• Planning Order• COAs developed and evaluated• Deployment databases established• USTRANSCO M component deployment estimates• Commander's Estimate sent• President/ SecDef COA decision	<ul style="list-style-type: none">• Planning order - COA converted to OPORD• Deployment database completed• Source force requirements• Lift schedules prepared• TPFDD Validation	<ul style="list-style-type: none">• President/ SecDef decision for Execute Order• Execute OPORDs• Deployment database update• Reporting• Begin planning to redeploy• Crisis
		<ul style="list-style-type: none">• Commander publishes	



JOPES TPFDD Challenges

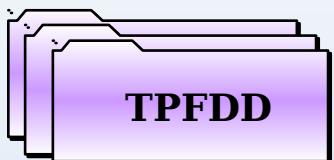




JOPES System

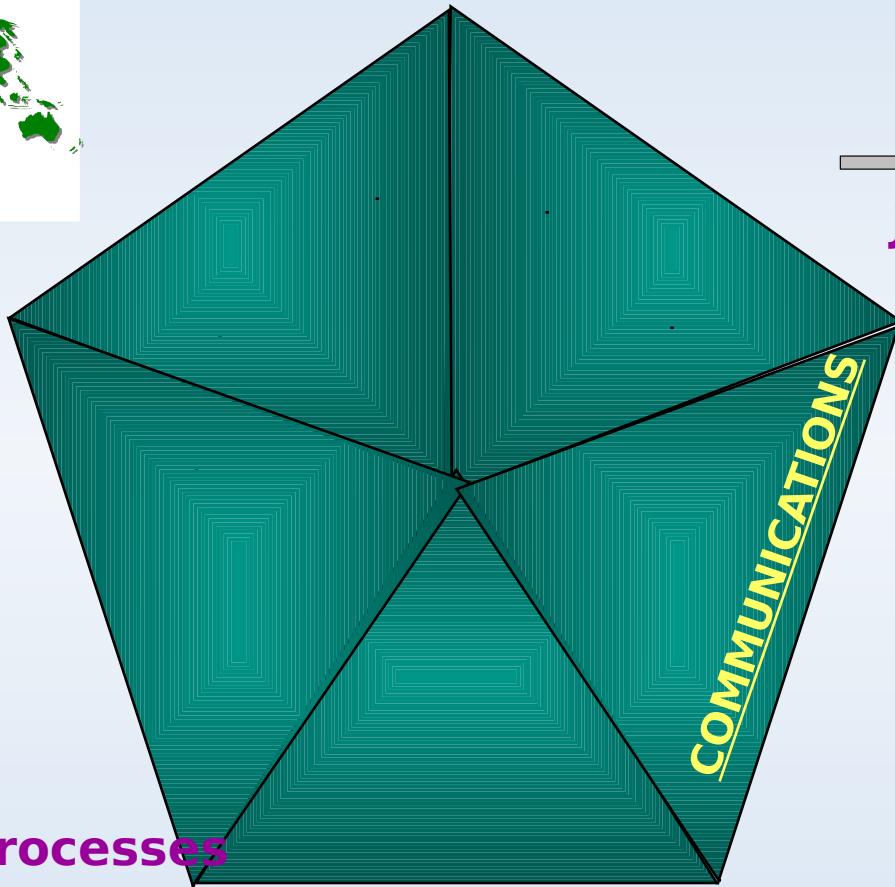


JPEC

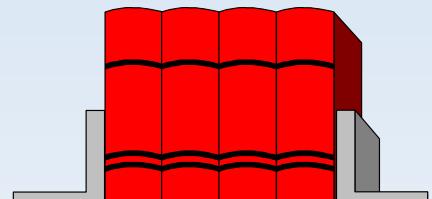


VALIDATION

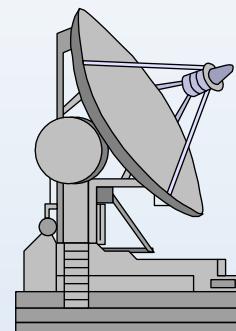
Concepts & Processes



COMMUNICATIONS



JOPES VOLS



GCCS-J



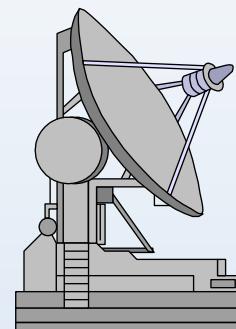
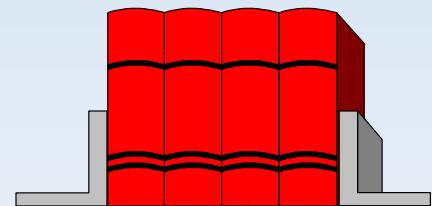
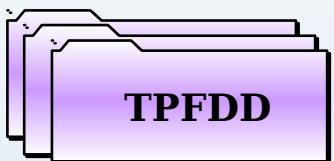
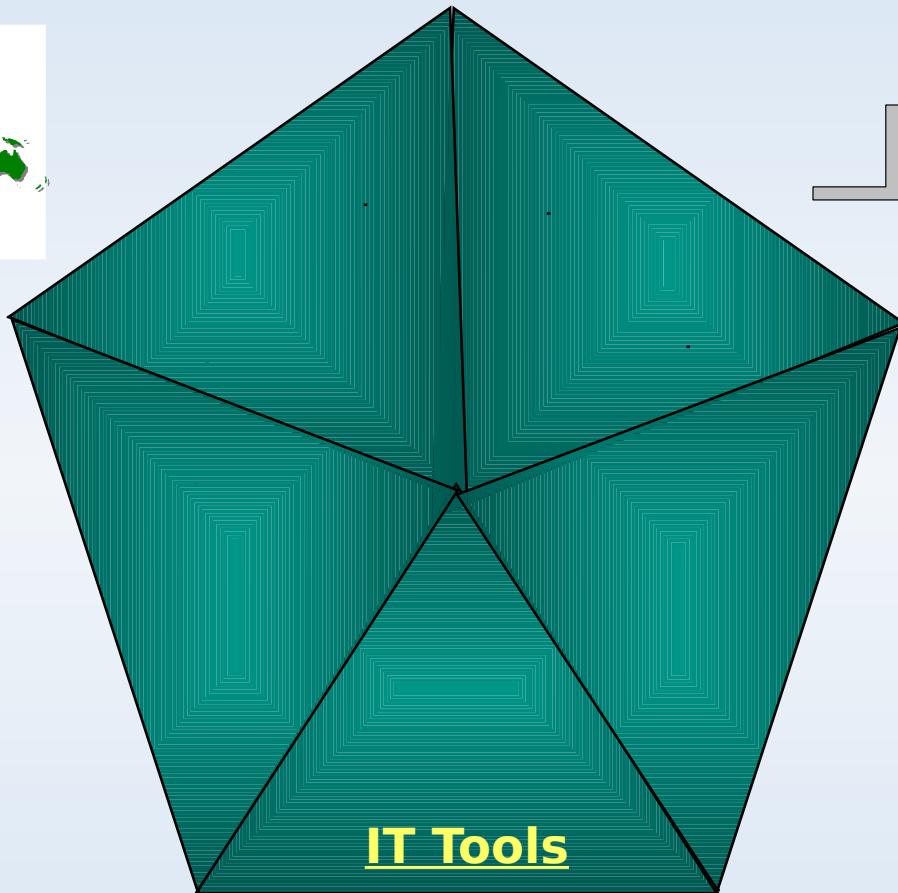
Global Command and Control System - Joint (GCCS-J)



- **GCCS-J provides combatant commanders a complete picture of the battlefield and the ability to order, respond, and coordinate C4I information**
- **GCCS-J integrates**
 - Contingency and Crisis Action Planning**
 - Force planning and employment**
 - Situational awareness**
 - Fire support**
 - Air operations and planning**
 - Intelligence**
 - Force status (GSORTS)**



JOPES System





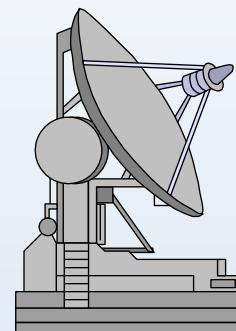
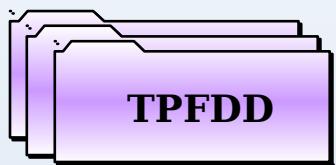
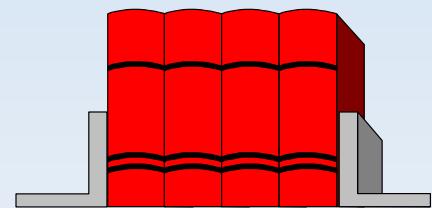
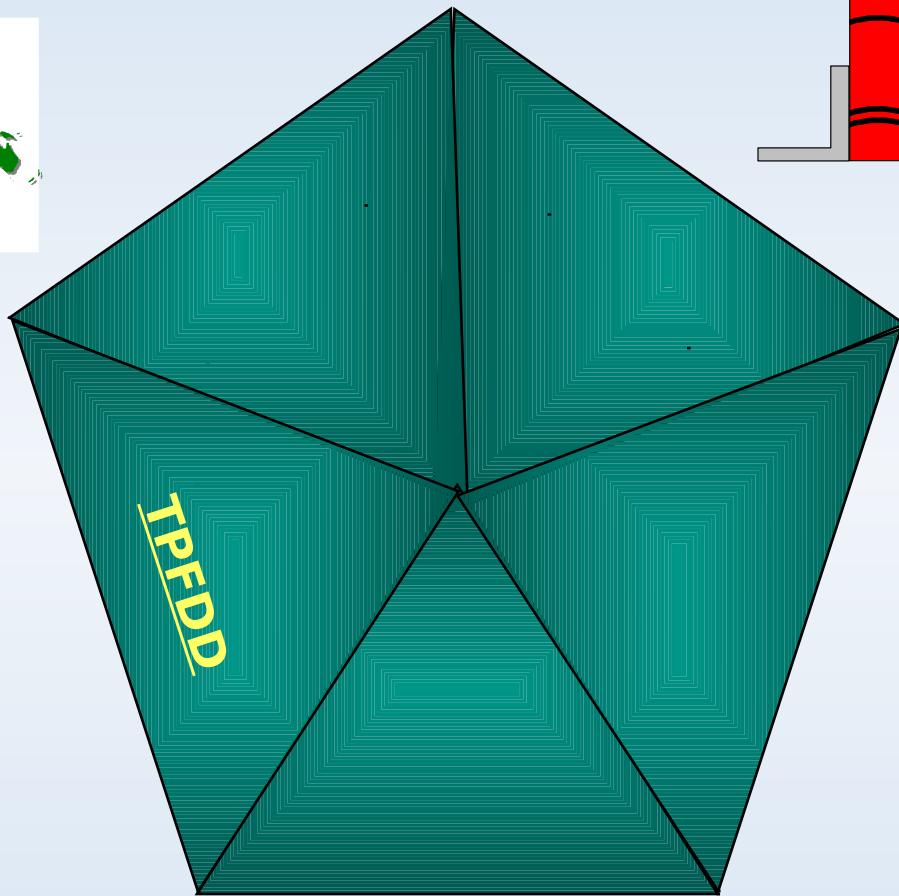
JOPES

Information Technology Tools

- **Browser** - Mozilla
- **JET** - JOPES Editing Tool (TPFDD development/editing)
- **RQT** - Rapid Query Tool (TPFDD analysis/reports)
- **WebSM** - Scheduling & Movement
- **JFAST** - Joint Flow and Analysis System for Transportation (transportation feasibility and support planning)
- **RAS OT** - Readiness Assessment System Output Tool accesses the GSORTS data base (unit readiness)
- **Plus other additional tools (i.e. GTN, SMS, GCSS)**



JOPES System





TPFDD

Time-Phased Force and Deployment Data

- **A computer database**
- **Data requires intensive planner data manipulation**
- **Force List (Capabilities and Units)**
- **Transportation oriented**
 - **Priority and sequencing of deploying forces**
 - **Deployment routing of forces**
 - **Detailed cargo descriptions**
 - **Passenger data**
- **If generated, contains resupply cargo and personnel planning data**



TPFDD

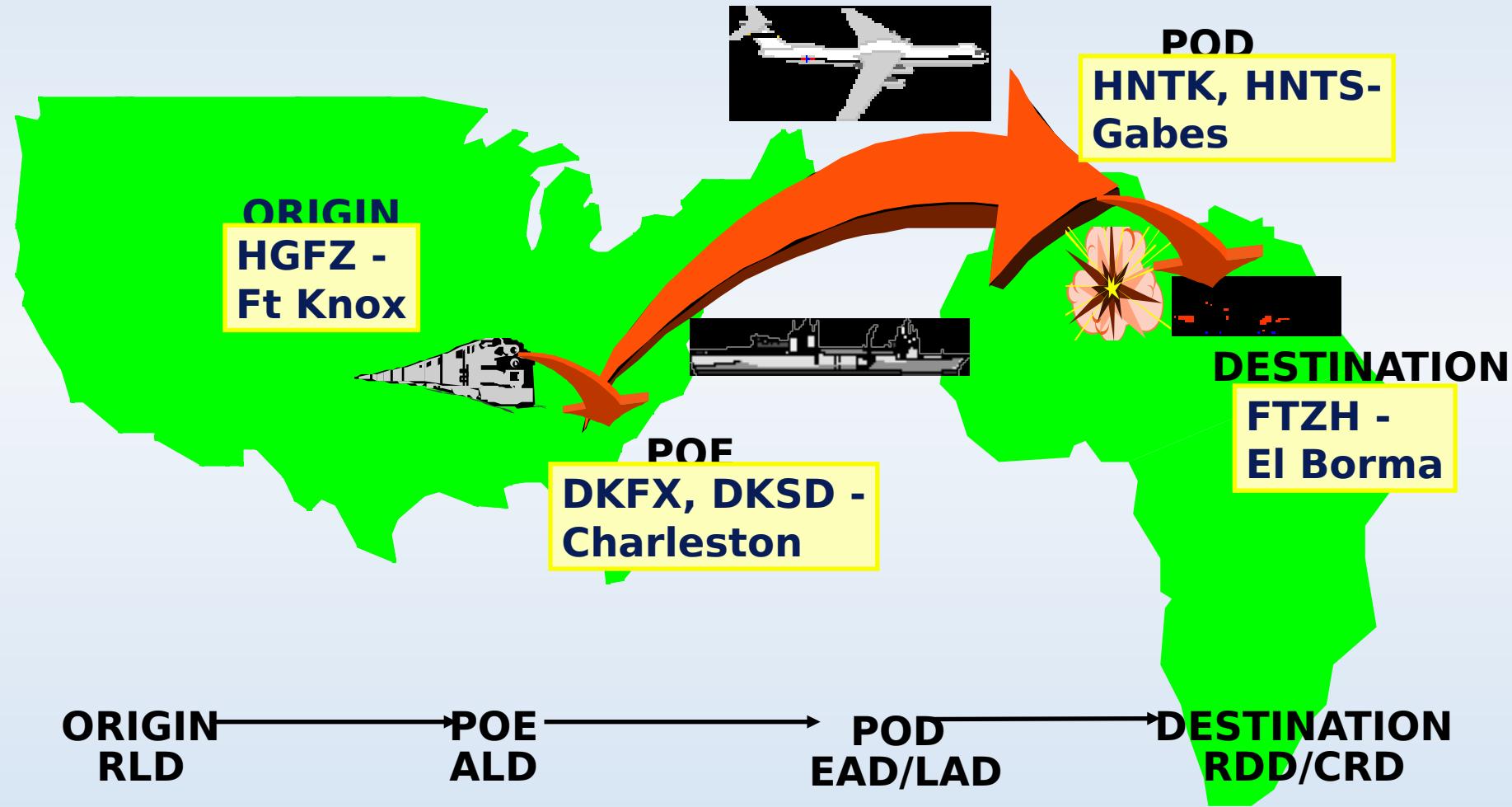
Purpose

- **Communicates Commander's priorities**
- **Ensures force deployment supports force employment**
- **Controls flow of forces into theater**
- **Optimizes lift capability**





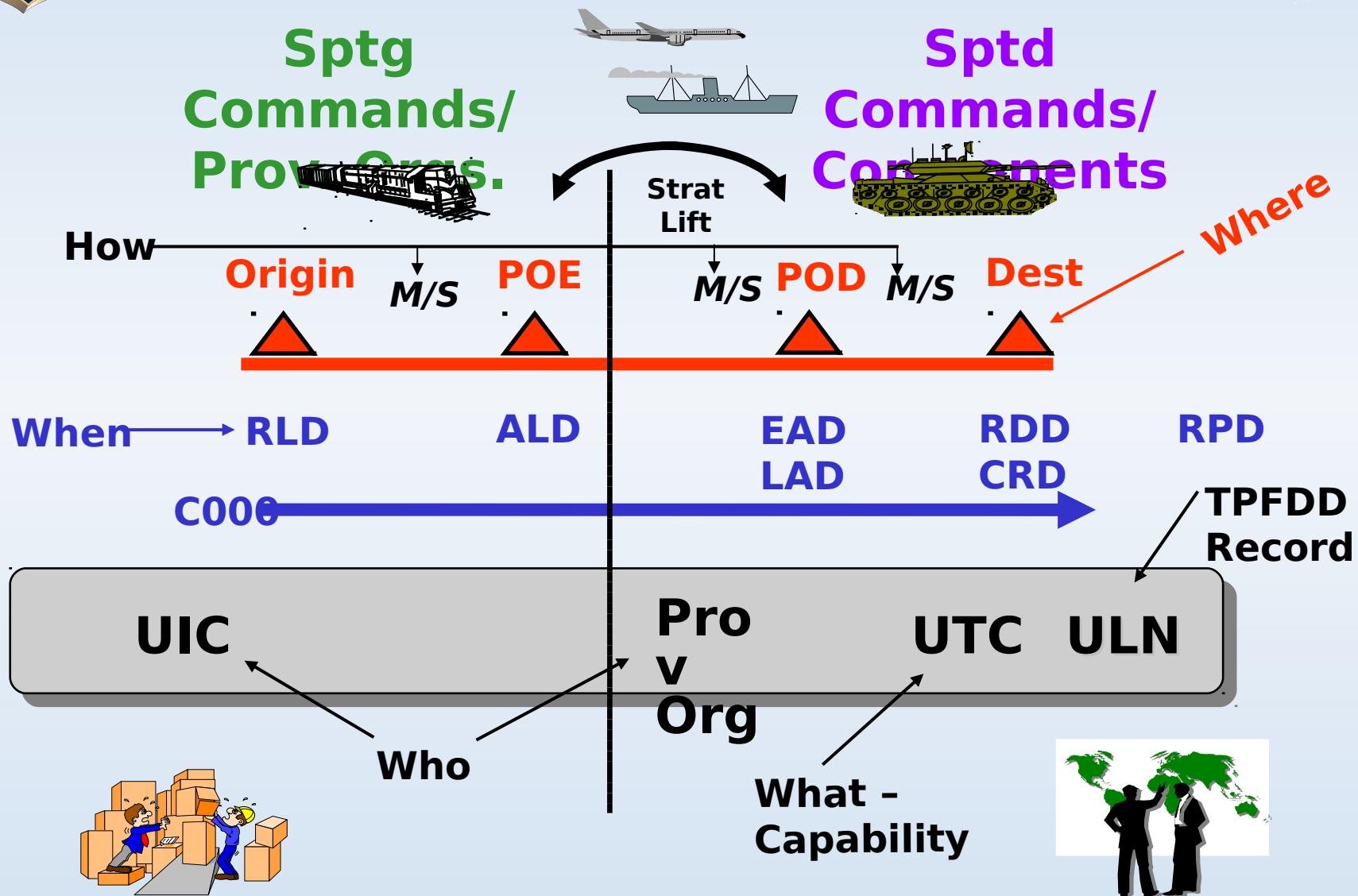
Deployment Movements



Note: May include intermediate locations as needed



TPFDD Data Entry





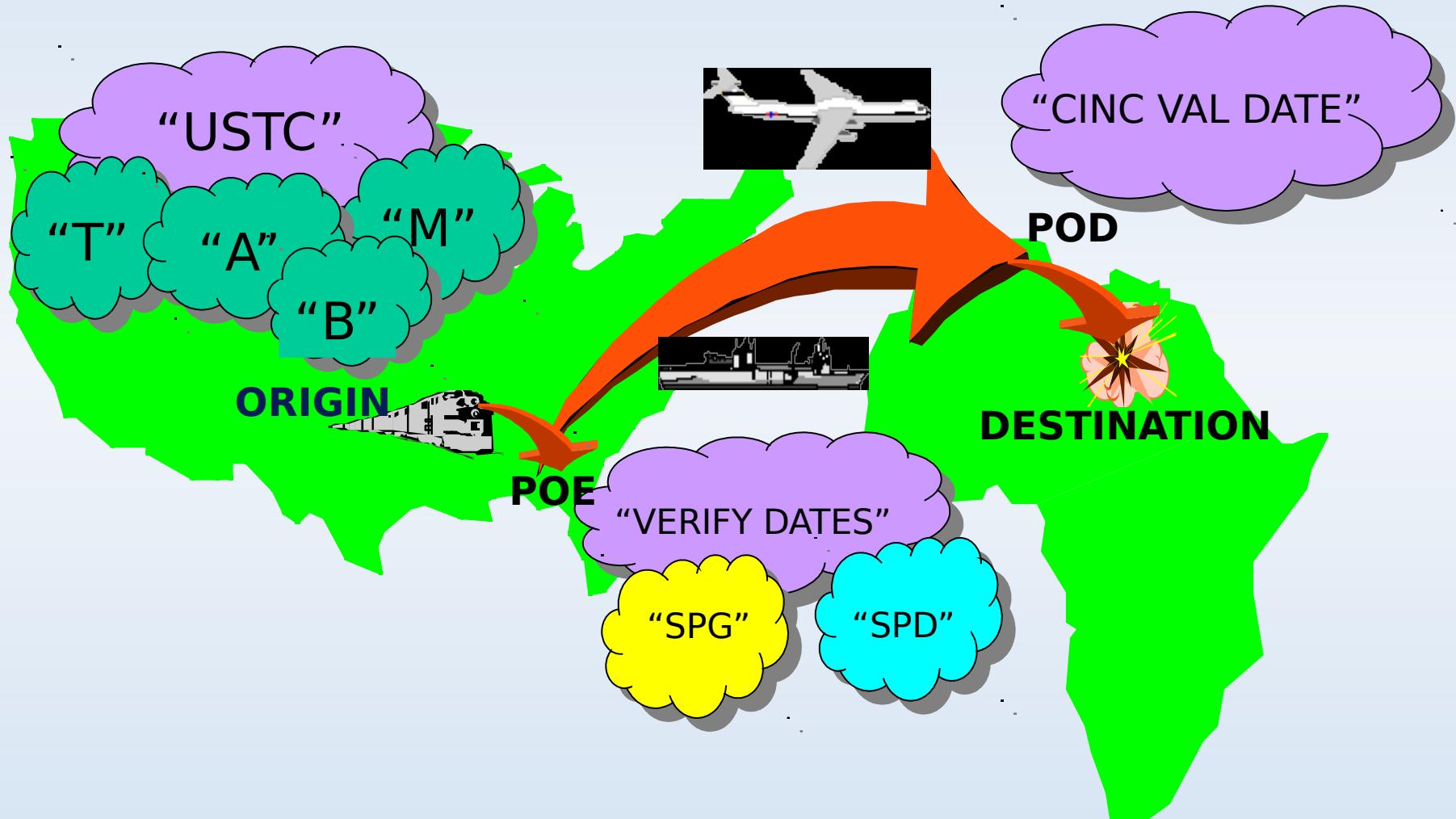
JOPES TPFDD ULN

Levels of Detail

- **Level 1 - Aggregated Data**
- **Level 2 - Summary Data**
- **Level 3 - Cargo Category Type Data**
- **Level 4 - Detail Data by Cargo Type**



Validation and Movement





TPFDD Validation

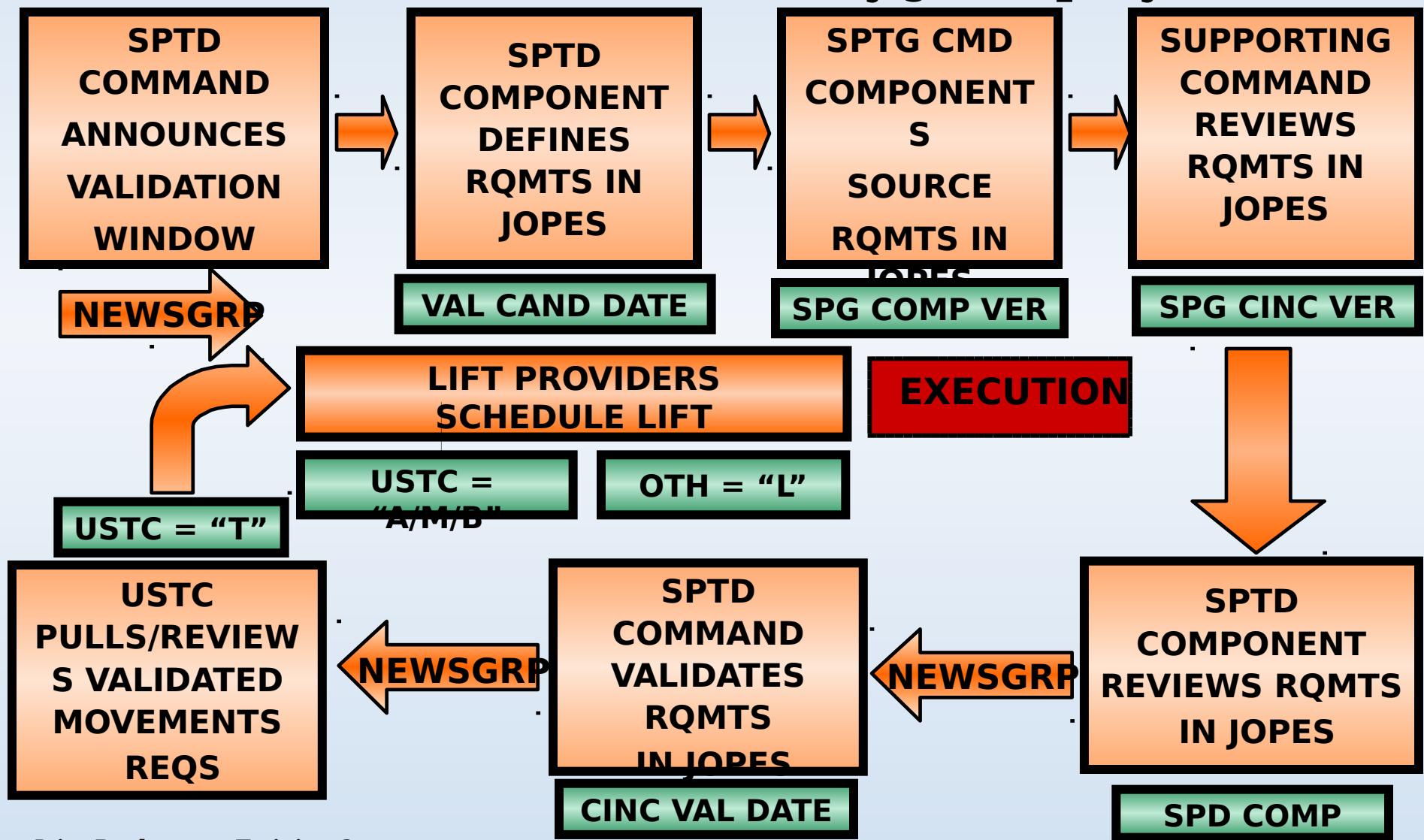
Defined

- **Execution Procedure that Confirms to Supported Commander and Lift Providers that each ULN is:**
 - **Is free of errors that preclude movement**
 - **PAX/Cargo data is correct and requires lift**
 - **Reflects correct movement dates**
 - **Has Valid Geographic Location Codes**
 - **Has valid UIC**
 - **Unit is alerted to deploy**
 - **Is not in-place or shortfall**



Validation Process

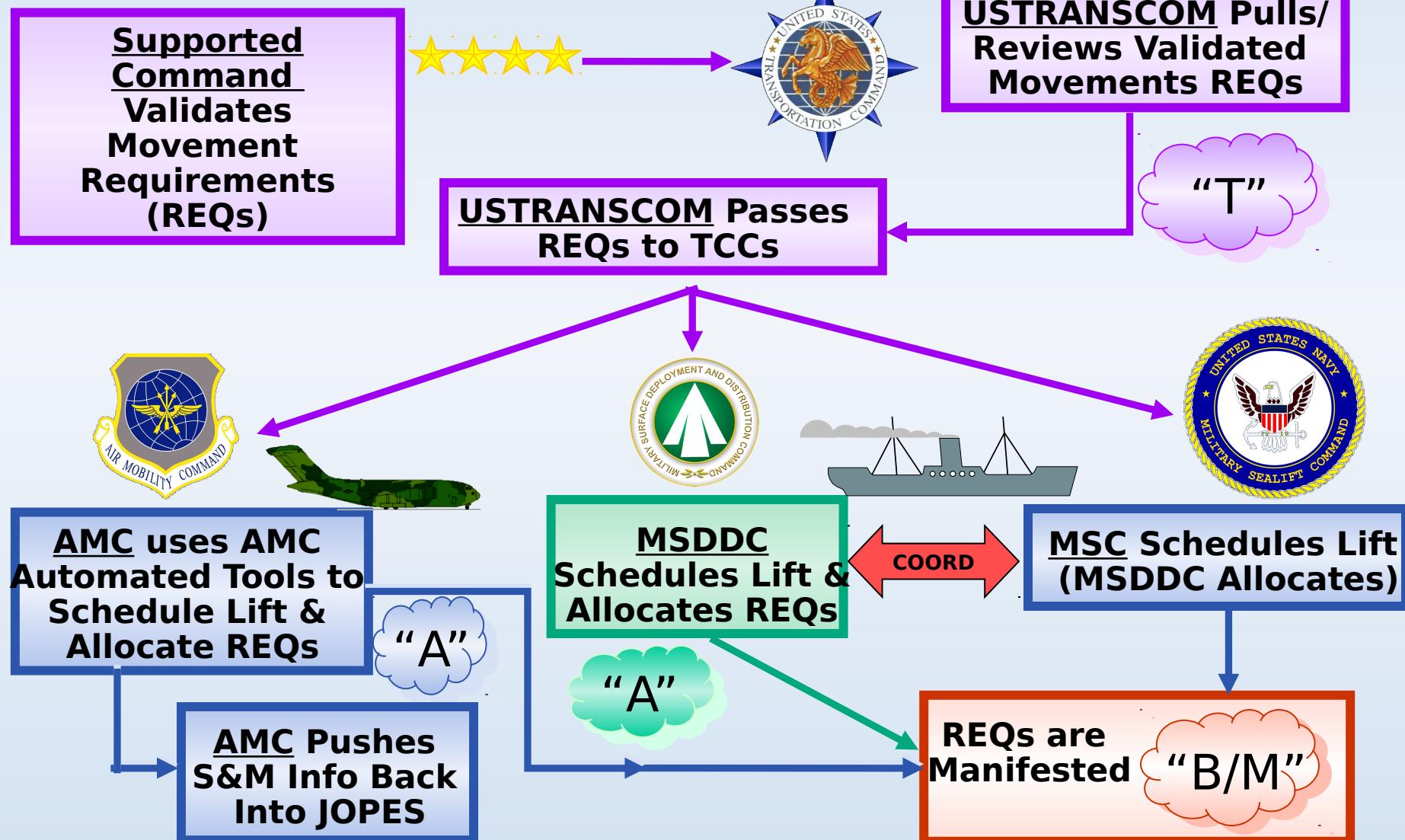
For Units Authorized By JS Deployment Order





Common User Lift

Scheduling Process





Changes to Validated ULNs

Changes that DO NOT affect schedules

- Only Correct accuracy of ULN information - (Minor adjustments to Cargo/PAX or to fix minor warning errors)

Changes that AFFECT Movement Schedules

- Invalidate lift schedules, commercial contracts, diplomatic clearances
- Involve changes to routing data or Cargo or PAX requiring more lift



Must identify operational need in request
Requires CO/FO endorsement if change is past
posting date
Unlocking Records.

Changes should be the exception because they disrupt the flow.



Capabilities

- Detects/helps identify force flow problems
- Provides some forecasting capability
- Provides some **ULN S&M** information:
 - Ship/aircraft types and itineraries
 - Allocated/Manifested **ULNs/PAX/Level 4 Cargo**
 - Planned/reported departure/arrival locations/dates/times
 - Delays/diversions/remarks



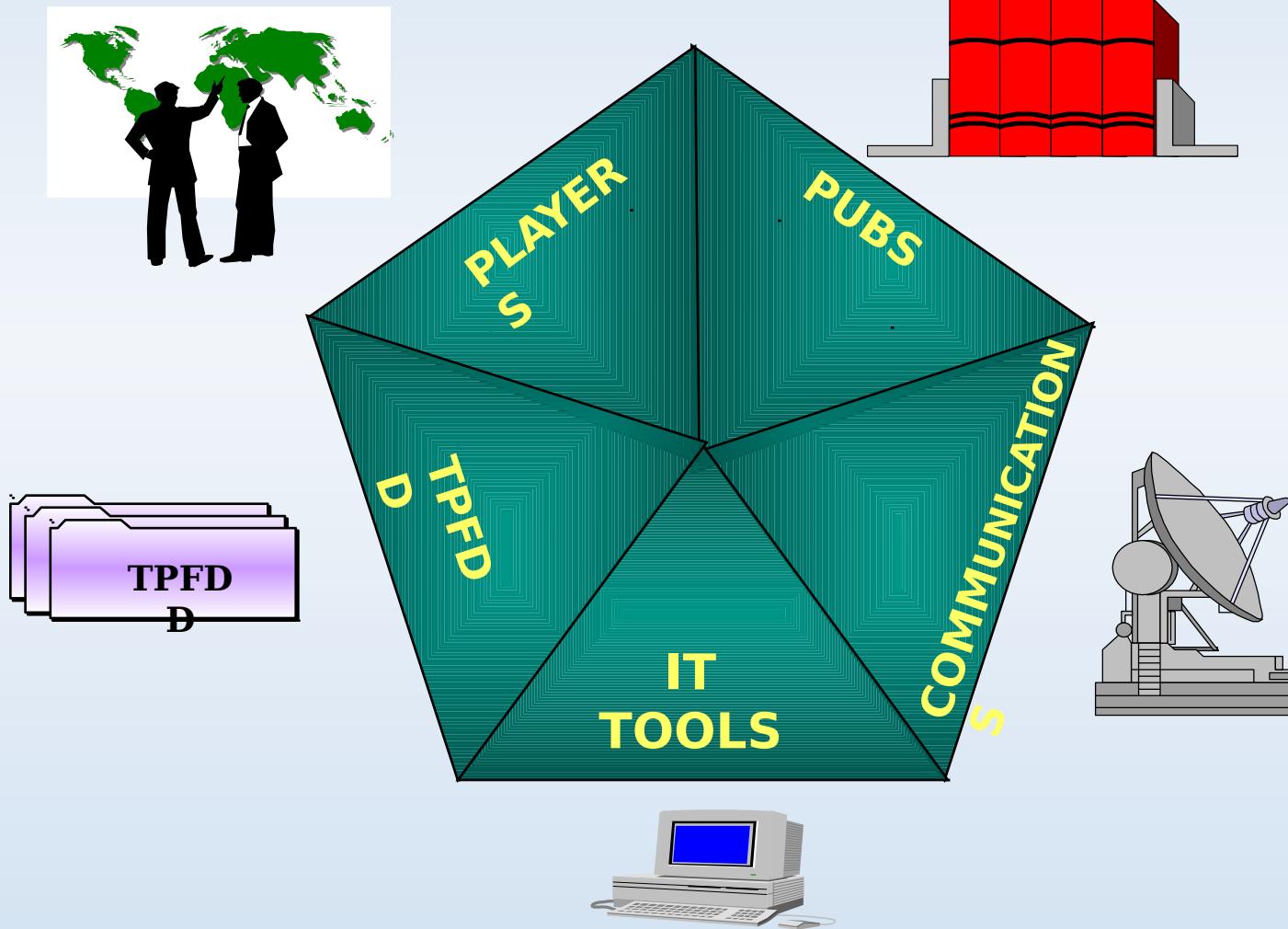
JPES Force Tracking Limitations

- **Data detail below Level 4**
- **Visibility over DTS/Channel/non-TRANSCOM movements**
- **Source data accuracy/timeliness**
- **Unless otherwise directed, visibility ends at POD**
- **Quantitative, not Qualitative information**
- **NO LINKAGE TO FORCE CAPABILITY CLOSURE**



JOPES Executive Presentation

Summary





JOPES Executive Presentation

Conclusion

- **JOPES provides:**
Framework and tools for collaborative planning and execution of Joint operations
- **Executable TPFDDs require:**
Well-written, followed and enforced TPFDD
guidance, and continuous error checks and
correction
- **Source data from Services:**
The foundation of TPFDD accuracy